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Requester's Full Name: DENNIS PEDERL Examiner #: 61112 Date: 10/2/02
 Art Unit: 3412 Phone Number 30 8-2178 Serial Number: 10/037280
 Mail Box and Bldg/Room Location: CPS-3A25 Results Format Preferred (circle): PAPER DISK E-MAIL

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SLIDING VISOR

Inventors (please provide full names): ALAN JAY A. MURDOCK ; EDWARD G.

CUKINDALE ; RYAN E. DILLINGHAM

Earliest Priority Filing Date: 4/4/1997

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

LITIGATION SEARCH

REISSUE 10/037280

PARENT PATENT: US 6,010,174

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08837173 () 6010174 January 4, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT
6010174

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January 4, 2000

Sliding visor

REISSUE: January 4, 2002 - Reissue Application filed Ex. Gp.: 3651; Re. S.N. 10/037,280 April 23, 2002

INVENTOR: Murdock, Jay A., Southgate, MI; Curtindale, Edward G., Farmington Hills, MI; Dillingham, Ryan E., Waterford, MI

APPL-NO: 08837173 ()

FILED-DATE: April 14, 1997

GRANTED-DATE: January 4, 2000

ASSIGNEE-AT-ISSUE: Lear Automotive Dearborn, Inc., Southfield, MI

ASSIGNEE-AFTER-ISSUE: September 8, 1997 - ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)., UNITED TECHNOLOGIES AUTOMOTIVE, INC. DEARBORN, MICHIGAN,, Reel and Frame Number: 008692/0958; March 16, 1998 - ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS)., UT AUTOMOTIVE DEARBORN, INC. DEARBORN, MICHIGAN,, Reel and Frame Number: 009041/0489; October 29, 1999 - CHANGE OF NAME (SEE DOCUMENT FOR DETAILS)., LEAR AUTOMOTIVE DEARBORN, INC. 21557 TELEGRAPH ROAD SOUTHFIELD, MICHIGAN 48034,, Reel and Frame Number: 010354/0917

LEGAL-REP: MacMillan, Sobanski & Todd, LLC

SEARCH-FLD: 296##974 , 296##978 , 296##9711

IPC-MAIN-CL: B 60J003#2

PRIM-EXMR: Pike, Andrew C.

REF-CITED:

[3403937](#), 1968, United States (US)
[4925233](#), 1990, United States (US)
[4982992](#), 1991, United States (US)
[5004288](#), 1991, United States (US)
[5044687](#), 1991, United States (US)
[5071186](#), 1991, United States (US)
[5409285](#), 1995, United States (US)

5538310, 1996, United States (US)
5645308, 1997, United States (US)
5653490, 1997, United States (US)
3324305, Germany (DE)

CORE TERMS: visor, torque, rod, longitudinally, track, sliding, bore, sidewall, leg, plastic ...

ENGLISH-ABST:

A sliding visor includes a rod assembly and a visor body. The rod assembly includes a rod, a torque control, and a guide. The rod extends longitudinally. The torque control pivotally attaches to the rod. The guide is fixed to one side of the torque control. The visor body includes a bore and a track. The bore extends longitudinally between the channel and the rear edge of the visor body. The rod is received within the bore and extends into the visor body. The track extends longitudinally along the upper surface of the visor body. The track forms a substantially enclosed longitudinally extending passage adjacent the upper surface of the visor body. The passage is shaped to receive a portion of the guide. When the visor is moved longitudinally along the rod, the track slides with respect to the guide.

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Terms: [patno=6010174](#) ([Edit Search](#))

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Segments: Abst, Appl-no, Assignee, Asst-exmr, Date, Exmr, Int-cl, Inventor, Legal-rep, Patno, Pct-pub-date, Prim-exmr, Ref-cited, Reissue, Search-fld, Title

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1 / 1 PLUSPAT - ©QUESTEL-ORBIT

Patent Number :

US6010174 A 20000104 [US6010174]

Title :

(A) Sliding visor

Patent Assignee :

(A) LEAR AUTOMOTIVE DEARBORN INC (US)

Inventor(s) :

(A) MURDOCK JAY A (US); CURTINDALE EDWARD G (US); DILLINGHAM RYAN E (US)

Application Nbr :

US83717397 19970414 [1997US-0837173]

Priority Details :

US83717397 19970414 [1997US-0837173]

Intl Patent Class :

(A) B60J-003/02

EPO ECLA Class :

B60J-003/02B2

US Patent Class :

ORIGINAL (O) : 296097110

Document Type :

Corresponding document

Citations :

US3403937; US4925233; US4982992; US5004288; US5044687; US5071186;
US5409285; US5538310; US5645308; US5653490; DE3324305

Publication Stage :

(A) United States patent

Abstract :

A sliding visor includes a rod assembly and a visor body. The rod assembly includes a rod, a torque control, and a guide. The rod extends longitudinally. The torque control pivotally attaches to the rod. The guide is fixed to one side of the torque control. The visor body includes a bore and a track. The bore extends longitudinally between the channel and the rear edge of the visor body. The rod is received within the bore and extends into the visor body. The track extends longitudinally along the upper surface of the visor body. The track forms a substantially enclosed longitudinally extending passage adjacent the upper surface of the visor body. The passage is shaped to receive a portion of the guide. When the visor is moved longitudinally along the rod, the track slides with respect to the guide.

1 / 1 LGST - ©LEGSTAT
Patent Number :
US 6010174 [US6010174]
Application Details :
US 837173/97 19970414 [1997US-0837173]
Document Type :
US-P
Action Taken :
19970414 US/AE-A
APPLICATION DATA (PATENT)
US 837173/97 19970414 [1997US-0837173]

20000104 US/A
PATENT

20020423 US/RF
REISSUE APPLICATION FILED
20020104
Update Code :
2002-18

1 / 1 CRXX - ©CLAIMS/RRX
Patent Number :
6,010,174 A 20000104 [US6010174]
Patent Assignee :
Lear Automotive Dearborn Inc
Actions :
20020104 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020423
REISSUE REQUEST NUMBER: 10/037280
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3651

Reissue Patent Number:

1 / 1 PAST - ©Thomson Derwent
Accession Number :
200217-001783
Patent Number :
6010174 A [US6010174]
Official Gazette Date :
2002-04-23
Actions :
REISSUE APPLICATION FILED

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Query/Command : PRT SS 1 MAX 1-5 LEGALALL

1 / 1 INPADO - ©INPADO

Patent Number :

US 6010174 A 20000104 [US6010174]

Title :

SLIDING VISOR

Inventor(s) :

MURDOCK JAY A [US]; CURTINDALE EDWARD G [US]; DILLINGHAM RYAN E [US]

Patent Assignee (Words) :

LEAR AUTOMOTIVE DEARBORN INC [US]

Application Details :

US 837173/97-A 19970414 [1997US-0837173]

Priority Details :

US 837173/97-A 19970414 [1997US-0837173]

Intl. Patent Class. :

B60J-003/02

1 / 1 LGST - ©LEGSTAT

Patent Number :

US 6010174 [US6010174]

Application Details :

US 837173/97 19970414 [1997US-0837173]

Document Type :

US-P

Action Taken :

19970414 US/AE-A

APPLICATION DATA (PATENT)

US 837173/97 19970414 [1997US-0837173]

20000104 US/A

PATENT

20020423 US/RF

REISSUE APPLICATION FILED

20020104

Update Code :

2002-18

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,010,174 A 20000104 [US6010174]

Patent Assignee :

Lear Automotive Dearborn Inc

Actions :

20020104 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20020423

REISSUE REQUEST NUMBER: 10/037280

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3651

Reissue Patent Number:

1 / 1 PAST - ©Thomson Derwent

Accession Number :

200217-001783

Patent Number :

6010174 A [US6010174]

Official Gazette Date :

2002-04-23

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REISSUE APPLICATION FILED